

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/06045

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H03F3/45 H03F1/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H03F H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 354 060 A (GEN ELECTRIC CO PLC) 7 February 1990 (1990-02-07) column 2, line 24 – column 3, line 14; figures 2,5 -----	1-11
A	US 4 138 649 A (SCHAFFER GREGORY L) 6 February 1979 (1979-02-06) column 6, line 59 – column 7, line 17; figures 3,4 -----	1-4,6, 8-11
A	US 4 048 574 A (ITTEL JEAN-MICHEL ET AL) 13 September 1977 (1977-09-13) column 6, line 53 – column 7, line 60; figure 7 -----	1-11
A	EP 0 460 564 A (SUMITOMO ELECTRIC INDUSTRIES) 11 December 1991 (1991-12-11) page 3, line 5 – line 36; figure 1 -----	1,6
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

19 May 2004

Date of mailing of the international search report

16/06/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 638 129 A (PRYOR RICHARD LEE) 25 January 1972 (1972-01-25) the whole document -----	1-11
A	BAKKER A ET AL: "A CMOS Nested Chopper Instrumentation Amplifier with 100nV Offset" DIGEST OF TECHNICAL PAPERS, 7 February 2000 (2000-02-07), pages 156-157, XP010378838 the whole document -----	1-11

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